

Title (en)

Process for producing metal-bonded-ceramic materials or components.

Title (de)

Prozess zur Herstellung von metallbondierten Keramikmaterialien oder Komponenten.

Title (fr)

Procédé de fabrication de matériaux ou de composants avec une liaison directe métal-céramique.

Publication

EP 0676800 A2 19951011 (EN)

Application

EP 95105372 A 19950410

Priority

JP 9694194 A 19940411

Abstract (en)

Ceramic members 2 are fed successively into crucible 7 through guide 6A on the entrance side; after they are fully wetted by molten metal 1 in the crucible 7, the ceramic members 2 enter die 6B on the exit side, from which they are extruded successively with a metal part being joined to the surface of each ceramic member 2. This process assures that metal-bonded-ceramic (MBC) material or components 5 of many various shapes having satisfactory characteristics are manufactured at low cost; additionally, electronic circuit substrates can be fabricated from such MBC material 5. <IMAGE>

IPC 1-7

H01L 21/48; **H01L 23/373**

IPC 8 full level

B22D 19/14 (2006.01); **B22D 23/04** (2006.01); **B23K 1/19** (2006.01); **C04B 37/02** (2006.01); **C04B 41/45** (2006.01); **C04B 41/51** (2006.01); **C04B 41/81** (2006.01); **C04B 41/88** (2006.01); **C23C 2/00** (2006.01); **C23C 2/12** (2006.01); **C23C 2/36** (2006.01); **C23C 30/00** (2006.01); **H01L 21/48** (2006.01); **H01L 23/373** (2006.01); **H05K 3/00** (2006.01); **H05K 1/02** (2006.01); **H05K 1/03** (2006.01)

CPC (source: EP KR US)

B22D 19/14 (2013.01 - EP); **C04B 37/02** (2013.01 - KR); **C04B 41/009** (2013.01 - EP); **C04B 41/4523** (2013.01 - EP); **C04B 41/51** (2013.01 - EP); **C04B 41/81** (2013.01 - EP); **C04B 41/88** (2013.01 - EP); **C23C 2/0062** (2022.08 - EP KR US); **C23C 2/12** (2013.01 - EP); **C23C 2/36** (2013.01 - EP); **C23C 30/00** (2013.01 - EP); **H01L 21/4871** (2013.01 - EP); **H01L 23/3735** (2013.01 - EP); **H05K 3/0061** (2013.01 - EP); **C04B 2111/00844** (2013.01 - EP); **H01L 2924/0002** (2013.01 - EP); **H05K 1/0271** (2013.01 - EP); **H05K 1/0306** (2013.01 - EP)

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Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 0676800 A2 19951011; **EP 0676800 A3 19970115**; **EP 0676800 B1 20021218**; CN 1066494 C 20010530; CN 1118382 A 19960313; CN 1246902 C 20060322; CN 1332265 A 20020123; DE 69529185 D1 20030130; DE 69529185 T2 20030925; EP 1243569 A2 20020925; EP 1243569 A3 20081119; JP 2918191 B2 19990712; JP H07276035 A 19951024; KR 100201887 B1 19990615; KR 950032001 A 19951220; MY 114268 A 20020930

DOCDB simple family (application)

EP 95105372 A 19950410; CN 00128792 A 19950411; CN 95104308 A 19950411; DE 69529185 T 19950410; EP 02012565 A 19950410; JP 9694194 A 19940411; KR 19950008428 A 19950411; MY PI19950924 A 19950411